

**2007-2008 NOx ALLOCATION FOR KENTUCKY NON-EGU SOURCES IN THE TRADING PROGRAM - 2% SET-ASIDE**  
 (Calculated Using 2001-2003 Ozone Season Heat Input Data)

| ST   | FIPS<br>ST ID | FIPS<br>CTNY ID | COMPANY                    | PLANT_NAME            | ORISPL | UNIT | EPA 2001*                             | EPA 2002*                             | 2003**                                | MINIMUM<br>HEAT INPUT<br>(MMBTU) | AVERAGE<br>OF TWO<br>HIGHEST<br>HEAT INPUT<br>(MMBTU) | 2007 NOx<br>SIP CALL<br>EMISSION<br>RATE<br>(LBS/MMBTU/HR) | 2007-2008  | TOTAL  | KY TOTAL               |
|--|---------------|-----------------|----------------------------|-----------------------|--------|------|---------------------------------------|---------------------------------------|---------------------------------------|----------------------------------|---|--|--|--|------------------------|
|  |               |                 |                            |                       |        |      | OZONE SEASON<br>HEAT INPUT<br>(MMBTU) | OZONE SEASON<br>HEAT INPUT<br>(MMBTU) | OZONE SEASON<br>HEAT INPUT<br>(MMBTU) |                                  |   |  | NOx<br>ALLOWANCES<br>BEFORE 98%<br>ADJUSTMENT<br>(LBS) | 2007-2008<br>NOx<br>ALLOWANCES<br>BEFORE 98%<br>ADJUSTMENT<br>(OZONE SEASON<br>TONS) | ADJUSTED 2007-2008**** |
| KY   | 21            | 019             | Marathon Ashland Petroleum | Catlettsburg Refining | 880038 | 061  | 466,739                               | 711,903                               | 598,475                               | 466,739                          | 655,189   | 0.17   | 111,382  | 56   | 26                     |
| KY   | 21            | 007             | MeadWestvaco               | MeadWestvaco          | 880065 | 01   | 96,183                                | 166,605                               | 45,031                                | 45,031                           | 131,394   | 0.17   | 22,337   | 11   | 5                      |
| KY   | 21            | 007             | MeadWestvaco               | MeadWestvaco          | 880065 | 02   | 145,804                               | 137,620                               | 40,622                                | 40,622                           | 141,712   | 0.17   | 24,091   | 12   | 6                      |
| KY   | 21            | 127             | American Electric Power    | Big Sandy             | 1353   | AUX2 | 69                                    | 0                                     | 11,994                                | 0                                | 6,032   | 0.17   | 1,025  | 1  | 0                      |
| KY   | 21            | 157             | Air Products & Chemicals   | Air Products          | 055308 | A    | 298,332                               | 374,893                               | 186,101                               | 186,101                          | 336,613   | 0.17   | 57,224   | 29   | 14                     |
| KY   | 21            | 157             | Air Products & Chemicals   | Air Products          | 055308 | B    | 244,911                               | 350,825                               | 222,946                               | 222,946                          | 297,868   | 0.17   | 50,638   | 25   | 12                     |
| TOTAL NON-EGU NOX ALLOWANCES ALLOCATED BEFORE 98% ADJUSTMENT ( OZONE SEASON (OS) TONS) |               |                 |                            |                       |        |      |                                       |                                       |                                       |                                  |   |  |  | 134  |                        |
| TOTAL KENTUCKY NON-EGU NOX ALLOWANCES FOR THE 2007-2008 ALLOCATION PERIOD (OS TONS)    |               |                 |                            |                       |        |      |                                       |                                       |                                       |                                  |   |  |  |  | 63                     |
| TOTAL KENTUCKY NON-EGU NEW SOURCE GROWTH 2% NOX SET-ASIDES (OS TONS)                   |               |                 |                            |                       |        |      |                                       |                                       |                                       |                                  |   |  |  |  | 1                      |
| TOTAL KENTUCKY NON-EGU NOX TRADING PROGRAM BUDGET (OS TONS OF EMISSIONS)***            |               |                 |                            |                       |        |      |                                       |                                       |                                       |                                  |   |  |  |  | 64                     |

- NOTES:
- \*1. IF AVAILABLE 2001 AND 2002 OZONE SEASON HEAT INPUT INFORMATION FOR SUBJECT EGUS WAS OBTAINED FROM EPA'S CLEAN AIR MARKETS DIVISION WEB SITE  
<http://www.epa.gov/airmarkets/emissions/prelimarp/index.html> EXCEPT WHERE THE INFORMATION WAS OBTAINED FROM THE AFFECTED SOURCES PER A KYDAQ MARCH 8, 2004, LETTER.
- \*\*2. 2003 OZONE SEASON HEAT INPUT INFORMATION WAS NOT AVAILABLE ON THE ABOVE EPA CLEAN AIR MARKETS DIVISION WEB SITE AND WAS OBTAINED FROM THE AFFECTED SOURCES PER A KYDAQ MARCH 8, 2004, LETTER.
- \*\*\*3. EPA IN A JANUARY 23, 2004, LETTER DETERMINED THAT IT WAS OPTIONAL FOR FCCU CO BOILERS, SUCH AS THE ONES AT MARATHON ASHLAND PETROLEUM, TO BE SUBJECT TO THE NOX SIP CALL. PER EPA's POSITION, THE MARATHON ASHLAND CO BOILERS (UNITS 64 & 8C NORTH AND SOUTH) ARE NO LONGER CONSIDERED PART OF THE NON-EGU TRADING PROGRAM BUDGET. THIS HAS RESULTED IN THE NON-EGU NOX TRADING PROGRAM BUDGET TO BE REVISED FROM 179 TO 64 OZONE SEASON TONS.
- \*\*\*\*4. NON-EGU NOx ALLOCATIONS WILL BE MADE FOR 2007-2008 SINCE EPA WILL ONLY POPULATE NOx ACCOUNTS FOR 2007-2008 GIVEN THAT EPA'S CLEAN AIR INTERSTATE RULE (CAIR) WILL ADDRESS NOx ALLOWANCE TRADING FOR 2009 AND BEYOND.